## INTERNATIONAL SEARCH REPORT

Intermal Application No PCT/FR2004/002523

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F02D41/02									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 F02D F01N									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Internal, WPI Data, PAJ									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
Α	US 5 778 666 A (CULLEN MICHAEL JO AL) 14 July 1998 (1998-07-14) the whole document	DHN ET	1-6						
Α	EP 1 353 048 A (TOYOTA MOTOR CO L 15 October 2003 (2003-10-15) the whole document	1							
А	EP 0 892 158 A (VOLKSWAGENWERK AG 20 January 1999 (1999-01-20) the whole document	1							
А	DE 101 42 669 A (BAYERISCHE MOTOR AG) 3 April 2003 (2003-04-03) the whole document	1							
Further documents are listed in the continuation of box C.  Patent family members are listed in annex.									
° Special categories of cited documents:  "T" later document published after the international filling date									
"A" document defining the general state of the art which is not considered to be of particular relevance  or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
"E" earlier filing	document but published on or after the international date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to							
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another no or other special reason (as specified)	involve an inventive step when the do "Y" document of particular relevance; the	claimed invention						
"O" docum	oventive step when the ore other such docu– ous to a person skilled								
"P" docum	need published prior to the international filing date but than the priority date claimed	in the art.  *&* document member of the same patent	family						
Date of the	actual completion of the international search	Date of mailing of the International sea	arch report						
1	17 February 2005	24/02/2005							
Name and	mailing address of the ISA	Authorized officer							
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fav. (+31–70) 340–3016 Aign, T									
Fax: (+31-70) 340-3016 ATGII,									

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